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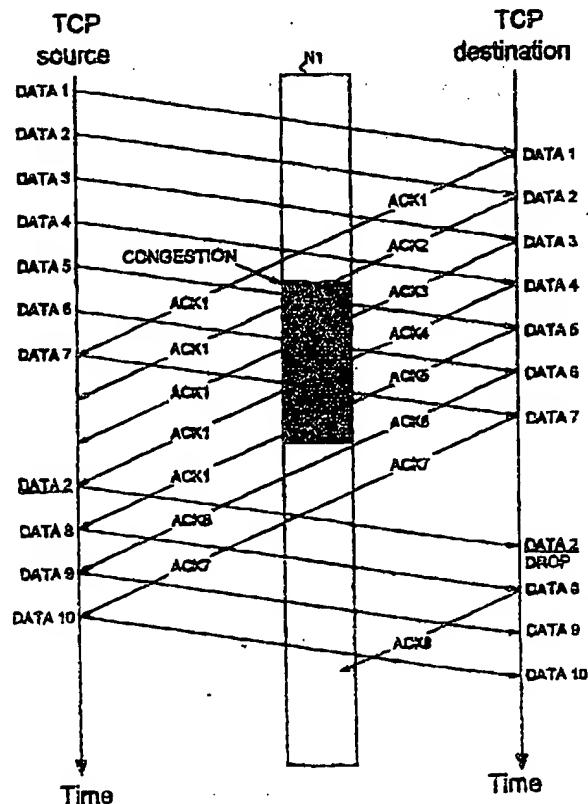
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(54) Title: CONGESTION CONTROL IN A TELECOMMUNICATIONS NETWORK

(57) Abstract

The invention relates to a method for controlling overload in a packet switched network, especially in a network where Transmission Control Protocol (TCP) is used as the transport layer protocol. In order to inform the traffic source at a very early stage that the network is getting overloaded or congested, duplicate acknowledgments are transmitted towards the traffic source when the measured load level exceeds a predetermined threshold.



ABSTRACT

For

Congestion Control In A Telecommunications Network

The invention relates to a method for controlling overload in a packet switched network, especially in a network where Transmission Control Protocol (TCP) is used as the transport layer protocol. In order to inform the traffic source at a very early stage that the network is getting overloaded or congested, duplicate acknowledgments are transmitted towards the traffic source when the measured load level exceeds a predetermined threshold.

1. A method for controlling overload in a packet switched network, especially in a network where Transmission Control Protocol (TCP) is used as the transport layer protocol, comprising the steps of: measuring a load level in the network; and transmitting duplicate acknowledgments towards a traffic source when the measured load level exceeds a predetermined threshold.